ATTO Technology, Inc.

iPBridge™ 2700R/D

iSCSI-to-Fibre Channel Bridge Ideal for connecting Fibre Channel Storage Networks to an IP SAN

As the amount of data generated by users in organizations continues to increase, managing traditional direct-attached methods of storing data becomes a more difficult and time-consuming task.

The ATTO iPBridge™ 2700C helps address this growing issue by providing high-performance iSCSI-to-Fibre Channel connectivity. Since iSCSI technology utilizes existing Ethernet infrastructures already supported natively by many servers, decoupling Direct Attached Storage (DAS) from individual servers and reaping the benefits of networked storage is a simple task. Servers can now utilize an organization's Fibre Channel SAN for purposes such as backup and resource consolidation.

The iPBridge 2700 is the leading choice for high-performance iSCSI-to-Fibre Channel bridging available today, thanks to industry-leading support for 4-Gigabit Fibre Channel. Support for both FC and iSCSI protocols allows storage devices such as disk drives, tape drives and libraries, and CD juke-boxes to easily attach to IP networks. The included graphical user interface (GUI) makes set-up and maintenance a breeze, while other ATTO-designed features help boost performance and increase availability.

Product Features

Blazing Fast Performance

- Allow storage devices to operate at near-native speeds with throughput of over 1.2 TB/hr
- Reduce backup windows with multiple concurrent backups

Smooth Data Streaming

- Increase write performance with Speedwrite™, an ATTO-designed technology which efficiently queues outstanding write commands
- Increase availability with Multipathing, the ability to map the same storage to multiple iSCSI ports

One Click Installation

- Simplify configuration and management of FibreBridges with ExpressNAV™, ATTO's easy-to-use web-based GUI
- Reduce time spent on initial set-up with features such as automatic LUN mapping
- Quickly and easily integrate additional bridges into SANs with the ability to save and restore bridge configurations

SAN Connectivity

- Interconnect Fibre Channel and iSCSI SANs
- Single point of management for storage behind the bridge

Technical Highlights

- **Four independent Gigabit Ethernet ports to two independent 4 Gigabit Fibre Channel busses**
- **Near wire speed (99.5%) sustained throughput—120 MB/sec. per Gig-E port**
- **Support for leading iSCSI initiators, including Microsoft iSCSI Initiator v2.01**
- **Gigabit Ethernet connectivity auto-negotiates to 10/100 Ethernet**
- **ExpressNAV™ browser-based GUI for remote administration and diagnostics**
- **Configuration, management, and monitoring via Ethernet and serial console port**
- **RoHS Compliant**
- **2-year standard product warranty**

For More Information:
www.ATTOTech.com
or to Purchase:
www.ATTOStore.com
(716) 691-1999

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Gigabit Ethernet and Fibre Channel	
Gigabit Ethernet Interface	• Four independent 100/1000 Gig-E RJ45 Ethernet ports • Supports Microsoft iSCSI initiators • Supports IP v.4 • Compliance with IEEE802.3ab Gig-E • Compliance with IEEE 802.3x flow Control • SNMP MIB 2.2 support
Fibre Channel Interface	• 4.250-Gigabit • Auto-negotiates to 2.125/1.0625-gigabit devices • Two Optical SFP (Small Form Factor Pluggable) Fibre Channel Ports • Full support for direct connect for F-port fabric switches • Class 3 and intermix ANSI Fibre Channel Specifications • PLDA, public loop login (NL-ports) and fabric connect (N-port) • Full-duplex transmissions
Management	
Operating Environment	• Operating system independent • Supports all SCSI devices including hard disk drives, tape drives, RAID controller, DVD, MO and CD libraries
Local and Network Management	• Integrated web server for remote configuration, management and diagnostic capabilities • Local diagnostics supported through CLI, SNMP, Telnet, FTP and SCSI Enclosure Services (SES) • Command line and menu-based ASCII text management access via Ethernet • Dedicated Ethernet Management Port • MultiTarget Mode allows each Fibre Channel device to have its own Target (LUN) name • Access Control Lists (ACLs) • Virtual LAN (VLAN) support • Multiple levels of password protection
LEDs	• Ethernet link and activity • FC activity • Fault • Ready
Agency Approvals	
Safety and Environmental	• FCC Class A • CE EN55022 • CE EN55024 • RoHS Compliant
Environmental & Physical Specifications	
Dimensions	• Rack/Desk Enclosure: 1.7” (1U) H x 17” W x 8.94” L
Operating Environment	• Operating: 5-40° C • Temperature: user configurable integrated thermal sensor data for automatic shutdown Default 70° Celsius • Air Flow: Recommended 11 CFM Ambient Air not to exceed 40° Celsius • Humidity: 10-90% non-condensing
Power	• 100-240VAC@1.7-0.8A
Weight	• 8 lbs.
Ordering Information	
Model Number	• IPBR-2700-DR0

Technical Specification
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ATTO Technology, Inc. | Power Behind the Storage

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